Index of Claims



| <b>Applica</b> | tion | /Control | No. |
|----------------|------|----------|-----|

10/710,950

Examiner VAN T. PHAM LAI ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

2627

| √ | Rejected |
|---|----------|
| = | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Cla      | aim  | Date     |  |  |                |                |            |              |  |  |
|----------|--|----------|--|--|----------------|----------------|------------|--------------|--|--|
|          |  |          |  |  |                | T              | 1          |              |  |  |
| Final    | Original   | 10/22/07 |  |  |                |                |            |              |  |  |
|          | 1<br>2<br>3<br>4<br>5<br>6   | v        |  |  |                |                |            |              |  |  |
|          | 2  | v<br>v   |  |  | 乚              |                | <u>L</u>   |              |  | L  |
|          | 3  |          |  | <u> </u>   | _              | _              | L          | _            |  | Ь.   |
|          | 4  | V        | L  | ļ  |                | L              | <u> </u>   | L.           | <u> </u>   | ļ <u>.</u>                                       |
|          | 5  | V        | <u> </u>   | L.   | L              | L.             | <u> </u>   | <u> </u>     |  | <u> </u>   |
|          | 6  | ٧        | _  | _  | _              | _              | _          | _            | _  | <u> </u>   |
| ļ        | /  | V        | <u> </u>   | ⊢  | <u> </u>       | ⊢              | 1          | ├—           | ├—   |  |
|          | 8  |          | ├  | ₩  | <del>  -</del> | ├—             | ⊢          | ├            | -  | <del> </del>                                     |
| ļ        | 40   | ٧        | <u> </u>   |  | -              | ┝              | ⊢          | -            | ├  | -  |
| ļ        | 11   | V        | _  | ⊢  | ⊢              | ├              | -          | $\vdash$     | $\vdash$   | $\vdash$   |
|          | 12   | -        | -  | -  |                | ┢╌             | -          | ┢            | <del>                                     </del> | ╁  |
| <u> </u> | 13   | V        | <del>                                     </del> | <del>                                     </del> | $\vdash$       | $\vdash$       | -          | !            | -  | $\vdash$   |
|          | 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19          | Ė        | Η-   | $\vdash$   |                |                | _          | $\vdash$     | <del>                                     </del> | <del>                                     </del> |
| <u> </u> | 15   | $\vdash$ |  | <u> </u>   | 1              |                | $\vdash$   | t            | $\vdash$   |  |
|          | 16   |          |  |  |                | 1              | $\vdash$   |              | $\vdash$   |  |
|          | 17   | T        |  |  | $\Box$         | $\vdash$       |            |              | 1  |  |
|          | 18   |          |  |  |                | T              |            |              | Π  |  |
|          | 19   | Ī        |  |  |                |                |            |              |  |  |
|          | 20   |          |  |  |                |                |            |              |  |  |
|          | 21   |          |  |  |                |                |            |              |  |  |
|          | 22   |          |  |  | _              | <u></u>        | _          |              |  |  |
|          | 23   |          |  | _  | L.             | _              |            | _            | _  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |
|          | 24   | <u> </u> | <u> </u>   |  |                | <u> </u>       | <u> </u>   |              |  | _  |
|          | 25   | <u> </u> |  |  |                | <u> </u>       | <b> </b> - | <u> </u>     | <u> </u>   | _  |
| ļ        | 26   | <u> </u> |  |  |                | -              |            |              | -  | <u> </u>   |
|          | 27   |          | <del> </del>                                     | <del> </del>                                     | <del> </del> — |                | -          |              | _  | -  |
| <b></b>  | 20   |          | -  | ├  | <del> </del>   | <del> </del> — |            | -            | ├  | H  |
|          | 30   |          | _  | <del> </del>                                     | $\vdash$       |                | -          | _            | _  | H  |
| <u> </u> | 31   |          |  | -  | ┢              | -              |            | ⊢            |  | $\vdash$   |
|          | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 |          | _  | -  | $\vdash$       | $\vdash$       |            | -            |  |  |
|          | 33   | $\vdash$ |  |  | $\vdash$       |                | ┢          |              | <del>                                     </del> |  |
|          | 34   |          | Г  |  | Г              | l              |            |              |  |  |
|          | 34<br>35   |          |  |  | Г              |                | <u> </u>   |              | <u> </u>   |  |
|          | 36   |          |  |  |                |                |            |              |  |  |
|          | 36<br>37<br>38   |          |  |  |                |                |            |              |  |  |
|          | 38   |          |  |  |                |                |            |              |  |  |
|          | 39   |          |  |  |                |                |            |              | 匚  |  |
|          | 40   | لسا      |  |  |                | L              |            |              | $\Box$   | Щ  |
|          | 41   |          | _  |  | _              | <u> </u>       |            | L.           | <u> </u>   | Ш  |
|          | 42   | Щ        | <u> </u>   |  |                | <u> </u>       | <u> </u>   |              | <u> </u>   | Щ  |
|          | 43   |          | -  | _  |                | <u> </u>       |            | <u> </u>     | _  | Ш  |
|          | 44   |          | Н  |  |                | -              | <u> </u>   | ⊢            |  | Щ  |
|          | 45<br>46   |          | $\vdash$   |  | _              | <del> </del>   |            |              | -  | Ш  |
|          | 47   | $\dashv$ | $\vdash\vdash$                                   |  |                | ┝              | _          |              | -  | $\vdash \vdash$                                  |
|          | 48   |          | $\vdash$   | -  |                |                | ┝          | $\vdash$     |  | H  |
|          | 49   |          | -  | H  |                | <del> </del>   | -          | <del> </del> |  | $\vdash$   |
|          | 50   | $\dashv$ |  | $\neg$   |                | $\vdash$       |            |              |  | $\vdash$   |

| Cla  | aim  |  |  |  |  | Dat  | e  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
|  |  | T  | Τ  | Π  | T  | Ī  | Γ  | Γ  | Π  |  |
| <u></u>  | Па   | 1  | 1  | 1  |  | 1  | 1  | 1  |  |  |
| Final  | Original                                     |  |  |  | 1  | 1  | 1  | 1  | 1  | ]  |
| -  | O  |  |  |  | 1  |  | 1  |  | 1  |  |
|  | 51   | 1  | <del>                                     </del> | †  | H  | †  | $\vdash$   |  | <del>                                     </del> | 1  |
|  | 52   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   |  | <del>                                     </del> | 1  | <del>                                     </del> | <del> </del>                                     |
| -  | 51<br>52<br>53                               |  | $\vdash$   | $\vdash$   | <del>                                     </del> | 1  | $\vdash$   |  | <del> </del>                                     | 1  |
| -  | 54   | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> |
| -  | 55   |  | <del>                                     </del> | $\vdash$   | -  | -  | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   |
| -  | 54<br>55<br>56                               |  | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   |
|  | 57   | <del> </del>                                     | <del>                                     </del> |  | +  | 1  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |
|  | 58   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> |
|  | 58<br>59                                     | $\vdash$   | 1  | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |  | $\vdash$   | $\vdash$   |
|  | 60   | $\vdash$   | $\vdash$   | -  | <del> </del>                                     | <del>                                     </del> | $\vdash$   | $\vdash$   | <del> </del>                                     | <del> </del>                                     |
| <del>                                     </del> | 61   | <del> </del>                                     | +  | -  | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |
|  | 62   | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | +  | <del>                                     </del> | <del>                                     </del> | $\vdash$   |
| -  | 61<br>62<br>63                               | $\vdash$   | -  | $\vdash$   | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |  | <del>                                     </del> |
| -  | 64   | <del> </del>                                     | $\vdash$   | -  | -  | <del>                                     </del> | $\vdash$   | ${\dagger}$                                      | -  | <del>                                     </del> |
|  | 64<br>65                                     | <del> </del>                                     | 1  | <del> </del>                                     | <del>                                     </del> | <u> </u>   | <del> </del>                                     | $\vdash$   | $\vdash$   | <u> </u>   |
| -  | 66   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -  | _  | $\vdash$   | $\vdash$   |
|  | 67   | ╁┈   | $\vdash$   | $\vdash$   |  | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |
| <b> </b>   | 62   | <del> </del>                                     | <del> </del>                                     | +  | <del>                                     </del> | <del> </del>                                     | $\vdash$   | <del> </del>                                     | <del> </del>                                     | $\vdash$   |
| <del> </del>                                     | 68<br>69<br>70<br>71                         | _  | +-   | $\vdash$   | <del>                                     </del> | $\vdash$   |  | -  | <del>                                     </del> | $\vdash$   |
| <b>—</b>   | 70   | $\vdash$   | $\vdash$   | $\vdash$   | -  | 1  | -  | -  | $\vdash$   | <del>                                     </del> |
| -  | 71   | -  | <del> </del>                                     | -  |  | +  | $\vdash$   | $\vdash$   | -  | <del> </del>                                     |
| -  | 72   | <del>  -  </del>                                 | ├  | -  | -  | -  | <del> </del>                                     | -  | <del> </del>                                     |  |
| <b> </b>   | 73   | 1  | +  | $\vdash$   | $\vdash$   | -  |  | _  | <del>                                     </del> |  |
|  | 74   | <del> </del>                                     | -  | _  | <del>                                     </del> | $\vdash$   |  |  | $\vdash$   | Н  |
| <b> </b>   | 72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 | <del>                                     </del> | $\vdash$   |  | $\vdash$   | $\vdash$   | T  | T  |  |  |
|  | 76   | $\vdash$   | _  | <del>                                     </del> | <del>                                     </del> | <u> </u>   | <del>                                     </del> |  |  |  |
|  | 77   |  | Т  | 1  |  | 1,   | <u> </u>   | 1  |  | Π  |
|  | 78   | -  | 1  | 1  |  | 1  | Г  | П  | <u> </u>   | Г  |
|  | 79   |  | Γ  |  |  |  | Γ  |  |  |  |
|  | 80   | <u> </u>   |  |  |  | ı  | Ι  | T  |  |  |
|  | 81   | <u> </u>   |  |  |  |  |  |  |  |  |
|  | 82   |  |  |  | Γ  |  | Γ  | Γ  |  |  |
|  | 83   |  | Γ  | Γ  | Г  |  |  | <u> </u>   |  |  |
|  | 83<br>84<br>85                               | 1  | l - "  |  | Г  |  | Γ  | Π  |  | П  |
|  | _85  |  | l  |  |  |  |  |  |  | П  |
|  | 86   | Ĺ  |  |  |  |  |  | _  | _  | П  |
|  | 86<br>87                                     |  |  |  |  | L  |  |  |  |  |
|  | 88   | Ι  | Γ  | Γ  | Π  | Γ  |  |  |  | П  |
|  | 89   | Ľ  |  |  |  |  |  | Г  |  |  |
|  | 90   |  |  |  |  | $\Box$   |  |  |  |  |
|  | 91   |  |  |  |  | $\Box$   |  |  |  |  |
|  | 92   |  |  |  |  |  |  |  |  |  |
|  | 93   |  |  |  |  |  |  |  |  |  |
|  | 94   |  |  |  |  |  |  |  |  |  |
|  | 95   |  |  |  |  |  |  |  |  |  |
|  | 96   |  |  |  |  |  |  |  |  |  |
|  | 97   |  |  |  |  |  |  |  |  |  |
|  | 98   |  |  |  |  |  |  | 口  |  | Ш  |
| $\Box$   | 99   |  |  |  |  |  | -  |  |  |  |

100

| Cla            | aim                      | Date   |  |  |              |  |  |              |  |                 |
|----------------|--------------------------|--|--|--|--------------|--|--|--------------|--|-----------------|
|                |                          | Π  | Τ  |  |              | П  | Т  | -            |  |                 |
| Final          | Original                 |  |  |  |              |  |  |              |  |                 |
|                | 101<br>102               |  |  |  |              |  |  |              |  |                 |
|                | 102                      | <u> </u>   | <u> </u>   | ļ  | ļ            | <u> </u>   | _  | L            | _  | <u></u>         |
| ļ              | 103<br>104               | <u> </u>   | ┢  | -  |              | -  | -  | <del> </del> | -  | -               |
|                | 104                      | ├  | ├  | ╁  | ļ            | -  | ├  | ├            | -  | -               |
|                | 105<br>106               | -  | ╁─   | ╁╌   | -            | ├-   | ╁  | ├─           | 1-   | -               |
| <u> </u>       | 107                      | $\vdash$   | ┢  | $\vdash$   | $\vdash$     |  | ╁  | ┢            | $\vdash$   |                 |
|                | 108                      |  | t  | 1  | t            |  | T  | T            |  |                 |
|                | 109                      |  |  | Π  |              |  |  |              |  |                 |
|                | 110                      |  |  |  |              |  |  |              |  |                 |
| <u> </u>       | 111                      | <u> </u>   | <u> </u>   | <u> </u>   |              | <u> </u>   | <u> </u>   | <u> </u>     | _  |                 |
| <u> </u>       | 111<br>112<br>113        |  | <del> </del>                                     | ـ  | ــ           | -  | _  | _            | _  | $\vdash$        |
| <u> </u>       | 113                      |  | ├  | ⊢  | <del> </del> | ├  | ├  | ├            | <del> </del>                                     | 1               |
| -              | 114<br>115               | <del> </del>   | ┢  | ┝  | ├            | -  | -  | ├            | -  | $\vdash$        |
| -              | 116                      | ┢  | ╁  | ╁  | ┼            | ╁  | -  | ├            | ╁  | -               |
|                | 117                      | <del> </del>   | ╀  | ╁─╴  | -            | <del>                                     </del> | <del>                                     </del> | ╁─           | $\vdash$   |                 |
|                | 118                      | $\vdash$   | <del>                                     </del> | $\top$   |              | ┢  | i –  | $\vdash$     | T  |                 |
|                | 119                      |  |  |  |              |  |  |              | ļ —  |                 |
|                | 120<br>121               |  |  |  |              |  |  |              |  |                 |
|                | 121                      | _  | <u> </u>   | L  |              |  |  |              |  |                 |
|                | 122                      | <u> </u>   | ļ  | _  | <u> </u>     | _  | _  | <u> </u>     | _  |                 |
| <u> </u>       | 122<br>123<br>124        | -  | <u> </u>   | 1  | ├—           | <u> </u>   | -  | ⊢            | ├-   | _               |
|                | 124                      | ├  | ┢  | ├  | ⊢            | -  |  | ├            | ┝  | $\vdash$        |
|                | 126                      | ╁  | ⊢  | ┢  | -            | -  | -  | -            | ╁─   | Н               |
|                | 125<br>126<br>127        |  |  |  | -            | _  | _  |              | <del>                                     </del> | -               |
|                | 128                      |  |  | 1  | <u> </u>     |  |  | -            |  | П               |
|                | 129                      |  |  |  |              |  |  |              |  |                 |
|                | 128<br>129<br>130<br>131 |  |  |  |              |  |  |              |  |                 |
|                | 131                      |  |  |  |              |  | _  |              |  |                 |
|                | 132                      | <u> </u>   | <u> </u>   | <u> </u>   | L            | <u> </u>   | _  | _            |  | Ш               |
|                | 133<br>134               | <u> </u>   | _  | <u> </u>   | -            | -  | _  | <u> </u>     | <u> </u>   | <u> </u>        |
|                | 134                      | -  | -  | $\vdash$   |              | -  | -  | <del> </del> | $\vdash$   | $\vdash\vdash$  |
|                | 136                      | -  | <del>-</del>                                     | $\vdash$   | $\vdash$     | <del> </del>                                     | -  |              | $\vdash$   | Н               |
| $\vdash$       | 136<br>137               |  | -  | $\vdash$   | $\vdash$     | <del> </del>                                     | $\vdash$   | -            | $\vdash$   | $\vdash$        |
| $\vdash$       | 138                      | <u> </u>   | H  | <del>                                     </del> | -            | ┢  | H  |              | -  | $\vdash \vdash$ |
|                | 139                      | $\vdash$   | Г  | $\vdash$   |              |  | $\vdash$   | Г            |  | $\vdash \vdash$ |
|                | 140                      |  |  |  |              |  |  |              |  |                 |
| igsqcup        | 141                      | $oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ | $\Box$   | $\Box$   |              |  |  |              |  |                 |
|                | 142                      | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | _  | _            | ļ  | Ш               |
|                | 143                      | <u> </u>   | _  | ļ  | <u> </u>     |  | ļ  | <u> </u>     | <u> </u>   | Щ               |
|                | 144<br>145               | _  | _  | <del> </del>                                     | $\vdash$     | <u> </u>   | _  | _            | <u> </u>   | Н               |
|                | 146                      | -  | -  | -  | -            | -  | $\vdash$   |              |  | H               |
| $\vdash\vdash$ | 147                      | <del>-</del>   | -  | $\vdash$   | -            | <del> </del>                                     | <u> </u>   | <u> </u>     |  | Н               |
|                | 148                      |  |  | <del> </del>                                     | ┢═           | _  | -  | -            | —  | $\vdash$        |
|                | 149                      |  |  |  |              |  |  |              |  | $\Box$          |
|                | 150                      |  |  |  |              |  |  |              |  | П               |